

Name: _____

p1029: Box multiplication of linear binomials (v13)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(9x + 4)$ and $(6x + 3)$.

*	$9x$	4
$6x$		
3		

ANSWER:

Question 2

Use the box method to multiply $(6x - 7)$ and $(8x + 5)$.

*	$6x$	-7
$8x$		
5		

ANSWER:

Question 3

Use the box method to multiply $(4x - 2)$ and $(3x + 6)$.

*		

ANSWER: